

FAILSAFE ELEMENT FOR ROTARY CAM UNIT USED IN A FLANGED DIE

ABSTRACT OF THE DISCLOSURE

A rotary cam assembly for a bending die includes first and second arms pivotally attached to an actuator. Linear movement of the actuator causes rotation of the rotary cam relative to a bending cam. A rotatable element is supported between the first and second arms and guides along a cam surface of a fail-safe element mounted on an upper die. In the absence of actuator movement, the fail-safe element cause rotation of the rotary cam from a released position to a bending position ensuring proper position of the rotary cam relative to a bending cam.